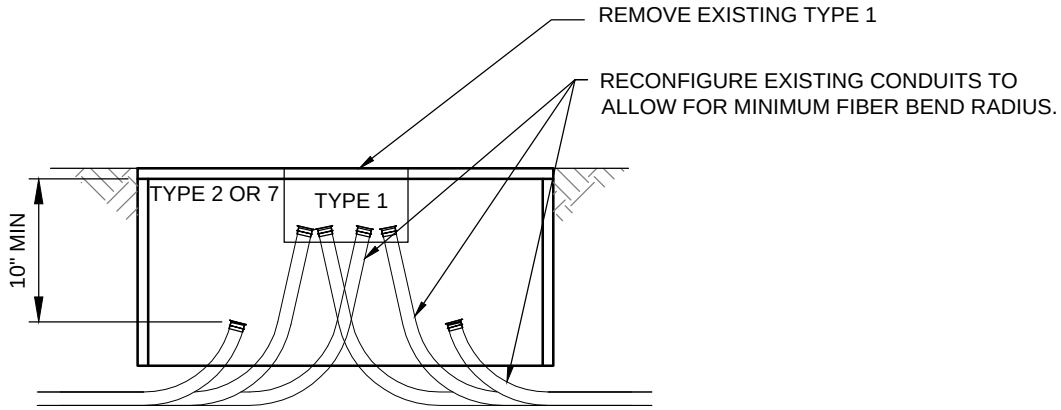
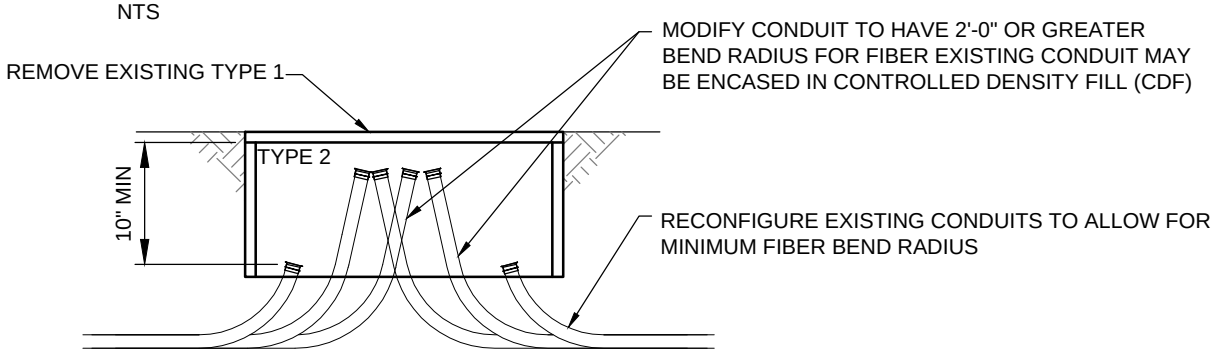
NOTES:

1. ALL BOX DIMENSIONS ARE NOMINAL. EXACT CONFIGURATIONS VARY AMONG DIFFERENT MANUFACTURERS.
2. THE NOTED LID THICKNESS ARE OVERALL MINIMUMS. THE DIAMOND PATTERN FOR TYPE 1 AND 2 BOXES SHALL BE 28% MINIMUM OF OVERALL THICKNESS. THE DIAMOND PATTERN FOR TYPE 7 BOXES SHALL HAVE A MINIMUM THICKNESS OF $\frac{3}{32}$"
3. LID SUPPORT MEMBERS SHALL BE $\frac{3}{16}$" MIN. THICK STEEL C, L OR T SHAPE WELDED TO THE FRAME.
4. WHEN SPECIFIED IN THE CONTRACT, TYPE 2 AND TYPE 7 BOXES SHALL BE PROVIDED WITH 12" DEEP EXTENSION BOXES.
5. A $\frac{1}{4}$" NC X $\frac{3}{4}$" STAINLESS STEEL GROUND STUD WITH S.S. NUT SHALL BE WELDED TO THE BOTTOM OF THE LID.
6. SEE THE STANDARD SPECIFICATIONS FOR ALTERNATE USE OF REINFORCEMENT.
7. WHEN REPLACING AN EXISTING JUNCTION BOX, THE END OF EACH EXISTING CONDUIT FOR NEW FIBER OPTIC CABLE INSTALLATION SHALL BE CUT BACK AND REPLACED WITH A 45 DEGREE FACTORY BEND WITH A MINIMUM 24" BENDING RADIUS. IF NECESSARY, EXISTING CABLES SHALL BE DISCONNECTED, REMOVED, LABELED, REINSTALLED AND RECONNECTED BY CONTRACTOR. COR SHALL BE NOTIFIED AT LEAST 3 WORKING DAYS PRIOR TO ANY WORK IN A COR CABINET.
8. JUNCTION BOX PLACED IN STREET SHALL BE H-35 TRAFFIC BEARING OR HIGHER.
9. THE TYPE 7 LIDS SHALL BE GALVANIZED AND BOTH LIDS SHALL BE BONDED. HINGES SHALL ALLOW THE LID TO OPEN 180°.
10. ALL CONDUIT SHALL HAVE BELL ENDS.
11. JUNCTION BOXES WITHIN SIDEWALK SHALL HAVE NON-SKID LIDS. IKG-MEBAC1 HARSCO INDUSTRIAL.
12. EXISTING JUNCTION BOXES WITHIN SIDEWALK SHALL BE RETROFITTED WITH NON-SKID LIDS.
13. EXISTING JUNCTION BOXES THAT ARE MODIFIED INCLUDING NEW CONDUCTORS PULLED SHALL MEET CURRENT GROUNDING AND BONDING REQUIREMENTS.



TYPE 1 CONVERSION TO TYPE 2 OR 7

NTS



TYPE 2 RECONFIGURATION

NTS

Rob Crittenden

APPROVED BY: ROB CRITTENDEN
TRAFFIC OPERATIONS SAFETY AND ENGINEERING MANAGER

REVISION DATE: JULY 01, 2015

CityofRedmond
WASHINGTON

STANDARD DETAILS

JUNCTION BOX DETAILS 2 OF 2

FILE NAME: 467B.DWG

DETAIL NUMBER: 467B